

CLAIMS

1. A data delivery system comprising:

a server that delivers data through a network;

5 a client terminal that receives said data as delivered; and

a writer unit that writes said data received by said client terminal to a recordable medium,

10 wherein said writer unit that writes data in an area of the storage areas of said recordable medium, in which data is not written, under a once only restriction.

2. The data delivery system as claimed in claim 1 wherein said writer unit writes data in the area of the storage areas of said recordable medium in which data is not written yet in units of a predetermined
15 size under the once only restriction.

3. The data delivery system as claimed in claim 1 wherein said client terminal transmits predetermined information to said server when the write operation to said recordable medium is successfully completed.

20 4. The data delivery system as claimed in claim 1 wherein said server transmits said data to said client terminal when information about said recordable medium indicates a free space having a size larger than that of said data as requested for delivery.

25 5. The data delivery system as claimed in claim 1 wherein said client terminal erases said data which is temporarily saved for writing when the write operation to said recordable medium is successfully completed.

30 6. The data delivery system as claimed in claim 1 wherein said client terminal transmits identification information of said recordable medium to said server.

35 7. The data delivery system as claimed in claim 1 wherein said client terminal displays information about the data already written to said recordable medium and the maximum size of data which can be written to the free space of said recordable medium.

40 8. The data delivery system as claimed in claim 1 wherein said client

terminal displays a message that the data which is about to be written to said memory cartridge matches data which has already been written to said memory cartridge when such a match occurs.

5 9. The data delivery system as claimed in claim 1 wherein said client terminal and said writer unit are separately provided and connected to each other by a wired or wireless link.

10 10. The data delivery system as claimed in claim 9 wherein said client terminal displays a first predetermined indication when said writer unit is not connected to said client terminal and a second predetermined indication when said recordable medium is not connected to said writer unit.

15 11. The data delivery system as claimed in claim 9 wherein said writer unit is implemented within a microphone type karaoke device.

12. The data delivery system as claimed in claim 1 wherein said client terminal and said writer unit are integrally provided.

20 13. The data delivery system as claimed in claim 12 wherein when said recordable medium is not connected to said writer unit said client terminal displays a predetermined indication.

25 14. The data delivery system as claimed in claim 1 wherein said data requested by said client terminal to said server is music data.

15. The data delivery system as claimed in claim 1 wherein said data requested by said client terminal to said server is music data, and
30 wherein said client terminal displays information about the music pieces already written to said recordable medium and the number of music pieces which can be written to the free space of said recordable medium.

35 16. The data delivery system as claimed in claim 1 wherein said data requested by said client terminal to said server is music data and image data of karaoke.

40 17. The data delivery system as claimed in claim 1 wherein said data requested by said client terminal to said server is game data.

18. The data delivery system as claimed in claim 1 wherein said recordable medium is a recordable medium to which data can only be written once in an area in which no data is written yet.

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19. The data delivery system as claimed in claim 1 wherein data for use in processing the data that is delivered and written to said recordable medium is initially written to said recordable medium.

10 20. A data acquisition device comprising:

a client terminal that receives data delivered by a server through a network;

a writer unit that writes said data received by said client terminal to a recordable medium,

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wherein said writer unit that writes data in an area of the storage areas of said recordable medium, in which data is not written, under a once only restriction.

21. A writing device that writes data delivered by a server through a network to a recordable medium, said writing device comprising:

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a receptacle device that receives said recordable medium; and

a writer unit that writes data in an area of the storage areas of said recordable medium in which data is not written under a once only restriction.

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22. A data acquisition program which makes a computer perform processing comprising:

a step of receiving data delivered by a server through a network; and

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a step of writing said data as received to a recordable medium, wherein, in said writing step, writing data by said computer is possible under a once only restriction in an area of the storage areas of said recordable medium in which data is not written yet.

35 23. A data acquisition method comprising:

a step of receiving data delivered by a server through a network; and

a step of writing said data as received to a recordable medium,

40 wherein said writing step is performed under a once only restriction in an area of the storage areas of said recordable medium

in which data is not written yet.

24. A recordable medium to which data delivered by a server through a network is written by the writing device as set forth in claim 21,

5 wherein the storage space of said recordable medium is divided into a predetermined number of storage areas, and

wherein writing data is possible under a once only restriction in a free area from among said predetermined number of storage areas.

10 25. A server that delivers data to be written to the recordable medium through a network,

wherein said data is delivered in units of a predetermined storage area of said recordable medium.

15 26. A karaoke data delivery system comprising:

a memory cartridge having a first proprietary interface for accessing data contained therein;

20 a karaoke playback system which is distributed to a user who wants to play karaoke and provided with a second proprietary interface compatible with and connectable to said first proprietary interface of said memory cartridge for reading karaoke data therefrom and playing back the karaoke data;

a karaoke data server connected to the Internet and providing a karaoke data delivery service on the Internet; and

25 a writer unit having a data communication facility for downloading karaoke data from said karaoke data server through the Internet, provided with a third proprietary interface compatible with and connectable to said first proprietary interface, and configured to write the karaoke data to said memory cartridge.

30 27. The karaoke data delivery system as claimed in claim 26 wherein said writer unit is implemented within said karaoke playback system, and said second proprietary interface serves also as said third proprietary interface.

35 28. A content delivery system comprising:

a memory cartridge having a first proprietary interface for accessing data contained therein;

40 a content using system which is distributed to a user of said content and provided with a second proprietary interface compatible

with and connectable to said first proprietary interface of said memory cartridge for reading content therefrom and using the content;

a content server connected to the Internet and providing a content delivery service on the Internet; and

5 a writer having a data communication facility for downloading content from said content server through the Internet, provided with a third proprietary interface compatible with and connectable to said first proprietary interface, and configured to write the content to said memory cartridge.

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